

What is claimed is:

- Sub  
A7
1. A provisioning database, comprising:  
a first data structure containing provisioning information for a plurality of globally accessible configuration resources; and  
a second data structure containing provisioning information for a plurality of restricted configuration resources.
  2. The provisioning database of claim 1, wherein the second data structure is restricted using identification codes.
  3. The provisioning database of claim 1, wherein the plurality of globally accessible configuration resources includes configuration information for a plurality of user access devices.
  4. A database having a plurality of global components and a plurality of restricted components, the global components accessible to any requester, and the restricted components having restricted access on a per request basis.
  5. The database of claim 4, wherein the global components are provisioning information for a plurality of user access devices to a communications network.
  6. The database of claim 4, wherein the restricted components are provisioning information for a plurality of provisioning servers uniquely identified to the database.
  7. A provisioning database, comprising:  
a first portion having a plurality of stored and uniquely identified sets of provisioning information, each of the sets associated with one of a plurality of external provisioning server and accessible only to its associated provisioning server;  
and

a second portion having a plurality of stored sets of provisioning information for a plurality of external user access devices, each of the sets globally accessible for provisioning any of the plurality of external user access devices.

8. The provisioning database of claim 7, wherein the second data structure is restricted using identification codes.

9. The provisioning database of claim 7, wherein the provisioning database is stored in a machine readable medium.

10. An access method for controlling access to a database having a global portion and a restricted portion, the method comprising:

identifying a host device requesting access to the restricted portion;  
allowing access to a subsection of the restricted portion containing provisioning information for the particular requesting host device; and  
allowing universal access to the global portion for provisioning a user access device.

11. The method of claim 10, wherein allowing access further comprises:  
tagging each host device with a unique identifier;  
storing configuration information on a per host device basis in the restricted portion; and  
retrieving specific host information only upon matching a unique identifier with the per host device storage location.

12. A provisioning method, comprising:  
receiving a configuration request from a host at a provisioning database;  
identifying the host; and  
configuring the host using restricted access configuration information stored in the provisioning database.

13. The method of claim 12, wherein configuring the host further comprises:  
tagging specific host configuration information in a configuration database;  
assigning a unique identifier to each of a plurality of hosts; and  
retrieving configuration information associated with the unique identifier  
upon receiving a provisioning request from a host.
14. The method of claim 12, and further comprising:  
assigning a unique identifier to each of a plurality of hosts;  
storing configuration information for each of the plurality of hosts in a  
restricted access portion of the provisioning database; and  
retrieving stored configuration information from the restricted access portion  
for a specific one of the plurality of provisioning servers when the specific  
provisioning server requests configuration.
15. A method of storing provisioning information, comprising:  
creating first and second storage portions of a provisioning database;  
storing configuration information for a plurality of user access devices in the  
first portion;  
identifying the first portion for global access by any of a plurality of external  
servers;  
storing configuration information for a plurality of external provisioning  
servers in the second portion;  
assigning each of the plurality of external provisioning servers a unique  
identifier;  
tagging the configuration information for each of the external provisioning  
servers with the unique identifier for that particular provisioning server; and  
retrieving only the configuration information tagged with the unique  
identifier of an external provisioning server requesting configuration information.
16. A network system, comprising:  
a central provisioning database; and

a plurality of provisioning servers, each provisioning server receiving specific configuration information from the central provisioning database for provisioning the provisioning server, and receiving global information for provisioning user access devices.

100.248US01